L Number	Hits	Search Text	DB	Time stamp
6	1159	slic or subscriber adj line adj interface adj circuit	USPAT; EPO; JPO	2004/06/13 16:10
7	224529	comparator	USPAT; EPO; JPO	2004/06/13 16:10
8	1380838	current	USPAT; EPO; JPO	2004/06/13 16:10
9	313796	threshold	USPAT; EPO; JPO	2004/06/13 17:03
10	79881	current same threshold	USPAT; EPO; JPO	2004/06/13 16:11
11	8198	comparator same (current same threshold)	USPAT; EPO; JPO	2004/06/13 16:12
12	10	(slic or subscriber adj line adj interface adj circuit) same (comparator same (current same threshold))	USPAT; EPO; JPO	2004/06/13 16:21
13	39	grounding adj2 key	USPAT; EPO; JPO	2004/06/13 16:22
15	9	comparator and (grounding adj2 key)	USPAT; EPO; JPO	2004/06/13 16:22
16	1	grounding adj2 key.ab,ti.	USPAT; EPO; JPO	2004/06/13 16:23
17	42	ground$3 adj2 key.ab,ti.	USPAT; EPO; JPO	2004/06/13 17:11
18	9	(slic or subscriber adj line adj interface adj circuit) and (ground$3 adj2 key.ab,ti.)	USPAT; EPO; JPO	2004/06/13 16:23
19	3	comparator and ((slic or subscriber adj line adj interface adj circuit) and (ground$3 adj2 key.ab,ti.))	USPAT; EPO; JPO	2004/06/13 16:23
20	3	current and (comparator and ((slic or subscriber adj line adj interface adj circuit) and (ground$3 adj2 key.ab,ti.)))	USPAT; EPO; JPO	2004/06/13 16:24
22	7	comparator and (ground$3 adj2 key.ab,ti.)	USPAT; EPO; JPO	2004/06/13 16:29
23	6	current and (comparator and (ground$3 adj2 key.ab,ti.))	USPAT; EPO; JPO	2004/06/13 16:29
24	3	(current and (comparator and (ground$3 adj2 key.ab,ti.))) and threshold	USPAT; EPO; JPO	2004/06/13 16:29
25	59913	exceed$1 adj3 threshold	USPAT; EPO; JPO	2004/06/13 17:05
26	49085	below adj3 threshold	USPAT; EPO; JPO	2004/06/13 17:40
27	6323	(exceed$1 adj3 threshold) same (below adj3 threshold)	USPAT; EPO; JPO	2004/06/13 17:04
28	1184	current same ((exceed$1 adj3 threshold) same (below adj3 threshold))	USPAT; EPO; JPO	2004/06/13 17:04
32	4016	current near8 (exceed$1 or upper) adj3 threshold	USPAT; EPO; JPO	2004/06/13 18:26
33	3524	current near8 (below or lower) adj3 threshold	USPAT; EPO; JPO	2004/06/13 17:06
34	362	(current near8 (exceed$1 or upper) adj3 threshold) same (current near8 (below or lower) adj3 threshold)	USPAT; EPO; JPO	2004/06/13 17:06
35	140	comparator and ((current near8 (exceed$1 or upper) adj3 threshold) same (current near8 (below or lower) adj3 threshold))	USPAT; EPO; JPO	2004/06/13 17:06
36	51	comparator same ((current near8 (exceed$1 or upper) adj3 threshold) same (current near8 (below or lower) adj3 threshold))	USPAT; EPO; JPO	2004/06/13 17:07
40	332	ground$3 adj2 key	USPAT; EPO; JPO	2004/06/13 17:11
42	13	(slic or subscriber adj line adj interface adj circuit) and comparator and (ground$3 adj2 key)	USPAT; EPO; JPO	2004/06/13 17:12
44	1	((exceed$1 adj3 threshold) same (below adj3 threshold)) and ((slic or subscriber adj line adj interface adj circuit) and comparator and (ground$3 adj2 key))	USPAT; EPO; JPO	2004/06/13 17:13
45	7	("4381427" | "4387273" | "4491804" | "4709388" | "4782507" | "4908856" | "5138658").PN.	USPAT	2004/06/13 17:36
46	67763	(below or lower) adj3 threshold	USPAT; EPO; JPO	2004/06/13 18:09

47	7924	(exceed$1 adj3 threshold) same ((below or lower) adj3 threshold)	USPAT; EPO; JPO	2004/06/13 17:40
48	1	(ground$3 adj2 key) and ((exceed$1 adj3 threshold) same ((below or lower) adj3 threshold))	USPAT; EPO; JPO	2004/06/13 17:42
49	24	(slic or subscriber adj line adj interface adj circuit) and (ground$3 adj2 key)	USPAT; EPO; JPO	2004/06/13 17:42
50	55391	comparator and threshold	USPAT; EPO; JPO	2004/06/13 17:43
51	13	comparator and ((slic or subscriber adj line adj interface adj circuit) and (ground$3 adj2 key))	USPAT; EPO; JPO	2004/06/13 17:46
52	1	((exceed$1 adj3 threshold) same ((below or lower) adj3 threshold)) and (comparator and ((slic or subscriber adj line adj interface adj circuit) and (ground$3 adj2 key)))	USPAT; EPO; JPO	2004/06/13 17:46
53	11	threshold and (comparator and ((slic or subscriber adj line adj interface adj circuit) and (ground$3 adj2 key)))	USPAT; EPO; JPO	2004/06/13 17:46
54	2	((below or lower) adj3 threshold) and (threshold and (comparator and ((slic or subscriber adj line adj interface adj circuit) and (ground$3 adj2 key))))	USPAT; EPO; JPO	2004/06/13 17:50
55	63715	(exceed$1 or upper) adj3 threshold	USPAT; EPO; JPO	2004/06/13 18:28
56	5	((exceed$1 or upper) adj3 threshold) and (threshold and (comparator and ((slic or subscriber adj line adj interface adj circuit) and (ground$3 adj2 key))))	USPAT; EPO; JPO	2004/06/13 17:53
57	21094	monitor$3 adj2 circuit	USPAT; EPO; JPO	2004/06/13 17:54
58	0	(slic or subscriber adj line adj interface adj circuit) same comparator same (monitor$3 adj2 circuit)	USPAT; EPO; JPO	2004/06/13 17:54
59	26	(slic or subscriber adj line adj interface adj circuit) and comparator and (monitor$3 adj2 circuit)	USPAT; EPO; JPO	2004/06/13 17:54
60	1	(ground$3 adj2 key) and ((slic or subscriber adj line adj interface adj circuit) and comparator and (monitor$3 adj2 circuit))	USPAT; EPO; JPO	2004/06/13 17:57
61	58142	second near2 period	USPAT; EPO; JPO	2004/06/13 17:58
62	4	((slic or subscriber adj line adj interface adj circuit) and comparator and (monitor$3 adj2 circuit)) and (second near2 period)	USPAT; EPO; JPO	2004/06/13 18:02
63	0	((exceed$1 or upper) adj3 threshold) and (((slic or subscriber adj line adj interface adj circuit) and comparator and (monitor$3 adj2 circuit)) and (second near2 period))	USPAT; EPO; JPO	2004/06/13 18:02
64	1	((below or lower) adj3 threshold) and (((slic or subscriber adj line adj interface adj circuit) and comparator and (monitor$3 adj2 circuit)) and (second near2 period))	USPAT; EPO; JPO	2004/06/13 18:07
65	516819	counter	USPAT; EPO; JPO	2004/06/13 18:13
66	2	(slic or subscriber adj line adj interface adj circuit) same comparator same counter	USPAT; EPO; JPO	2004/06/13 18:17
67	106	(ground$3 adj2 key) and counter	USPAT; EPO; JPO	2004/06/13 18:08
68	105416	(below or lower or exceed$1) near2 threshold	USPAT; EPO; JPO	2004/06/13 18:09
69	13	((ground$3 adj2 key) and counter) and ((below or lower or exceed$1) near2 threshold)	USPAT; EPO; JPO	2004/06/13 18:11
70	3	((slic or subscriber adj line adj interface adj circuit) and comparator and (ground$3 adj2 key)) and counter	USPAT; EPO; JPO	2004/06/13 18:13
72	72374	(up or down) with counter	USPAT; EPO; JPO	2004/06/13 18:15
74	1	(((ground$3 adj2 key) and counter) and ((below or lower or exceed$1) near2 threshold)) and ((up or down) with counter)	USPAT; EPO; JPO	2004/06/13 18:14
75	31	(ground$3 adj2 key) and ((up or down) with counter)	USPAT; EPO; JPO	2004/06/13 18:15
76	8	((ground$3 adj2 key) and ((up or down) with counter)) and comparator	USPAT; EPO; JPO	2004/06/13 18:15
77	2	(("5737411" | "5801520" | "6233335" | "6301358").PN.) and ((below or lower or exceed$1) near2 threshold)	USPAT; EPO; JPO	2004/06/13 18:20

79	5630	((up or down) with counter) and ((below or lower or exceed$1) near2 threshold)	USPAT; EPO; JPO	2004/06/13 18:20
80	639	((up or down) with counter) same ((below or lower or exceed$1) near2 threshold)	USPAT; EPO; JPO	2004/06/13 18:21
83	3670	current near4 exceed$1 near3 threshold	USPAT; EPO; JPO	2004/06/13 18:33
84	325	current near4 drop near4 (below or lower) near3 threshold	USPAT; EPO; JPO	2004/06/13 18:34
85	35	(current near4 exceed$1 near3 threshold) same (current near4 drop near4 (below or lower) near3 threshold)	USPAT; EPO; JPO	2004/06/13 18:28
88	17	comparator and ((current near4 exceed$1 near3 threshold) same (current near4 drop near4 (below or lower) near3 threshold))	USPAT; EPO; JPO	2004/06/13 18:29
89	17	second near4 current near4 drop near4 (below or lower) near3 threshold	USPAT; EPO; JPO	2004/06/13 18:34
90	8	(current near4 exceed$1 near3 threshold) and (second near4 current near4 drop near4 (below or lower) near3 threshold)	USPAT; EPO; JPO	2004/06/13 18:37
91	224	current and (ground$3 adj2 key)	USPAT; EPO; JPO	2004/06/13 18:37
92	0	((current near4 exceed$1 near3 threshold) and (second near4 current near4 drop near4 (below or lower) near3 threshold)) and (ground$3 adj2 key)	USPAT; EPO; JPO	2004/06/13 18:37
93	166	(ground$3 adj2 key) and greater	USPAT; EPO; JPO	2004/06/13 18:38
94	153	((ground$3 adj2 key) and greater) and second	USPAT; EPO; JPO	2004/06/13 18:38
95	5	(ground$3 adj2 key) same greater	USPAT; EPO; JPO	2004/06/13 18:39
96	1927902	output	USPAT; EPO; JPO	2004/06/13 18:39
97	4	((ground$3 adj2 key) same greater) and output	USPAT; EPO; JPO	2004/06/13 18:58
98	5466	up-down near counter	USPAT; EPO; JPO	2004/06/13 18:58
100	1	(ground$3 adj2 key) and (up-down near counter)	USPAT; EPO; JPO	2004/06/13 18:59

Patent Assignment Abstract of Title

Total Assignments: 1

Application #: 10009747   **Filing Dt:** 04/11/2002   **Patent #:** NONE   **Issue Dt:**

PCT #: NONE   **Publication #:** NONE   **Pub Dt:**

Inventor: Gerhard Nossing

Title: Ground key detection circuit and method for interference-resistant detection of the activation of a ground key for telephones

Assignment: 1

Reel/Frame: 012834/0758   **Received:** 05/01/2002   **Recorded:** 04/22/2002   **Mailed:** 06/27/2002   **Pages:** 3

Conveyance: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Assignor: NOSSING, GERHARD   **Exec Dt:** 04/04/2002

Assignee: INFINEON TECHNOLOGIES AG
GUSTAV-HEINEMANN-RING 212
D-81739 MUNICH, GERMANY

Correspondent: FISH & RICHARDSON P.C.
FAUSTINO A. LICHAUCO
225 FRANKLIN STREET
BOSTON, MASSACHUSETTS 02110-2804

Search Results as of: 6/13/2004 3:20:08 P.M.

If you have any comments or questions concerning the data displayed, contact OPR / Assignments at 703-308-9723
Web interface last modified: Oct. 5, 2002